



Modular high-voltage battery cabinet

Residential ESS

HV51314 16.08kWh Module

ER128 / ER144 / ER160 / ER170
/ ER190 / ER209



Safe and reliable

Cathode material is made from LiFePO4 with safety performance and long cycle life



Flexible configuration

Multiple battery modules can be in parallel for expanding capacity and power



Convenient

Quick installation standard of 19 inch embedded designed module is comfortable for installation and maintenance



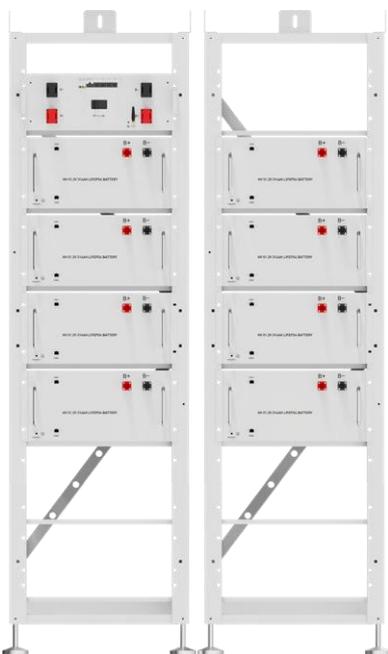
Intelligent BMS

protection functions including over discharge, over charge, over current and over high or low temperature

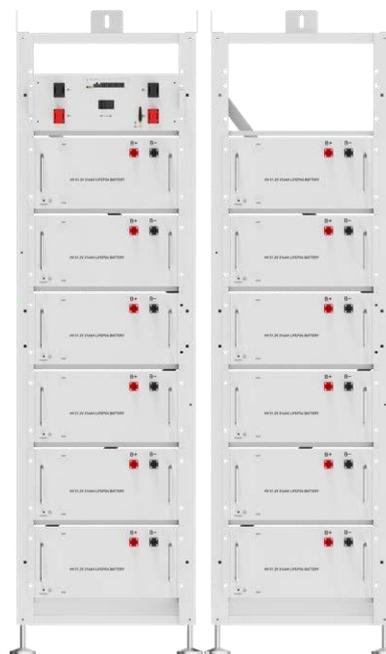


Eco friendly

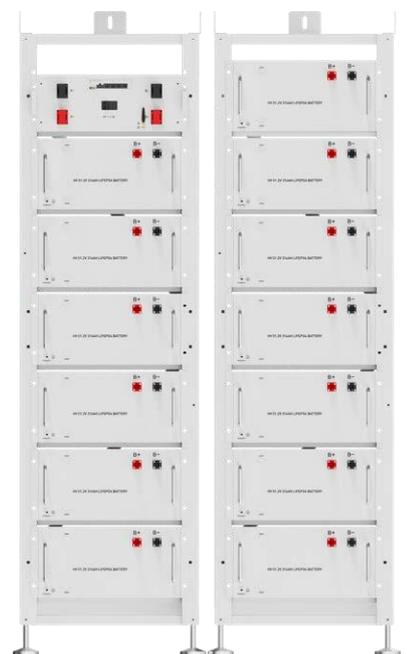
The whole module is non toxic, non polluting and environmentally friendly



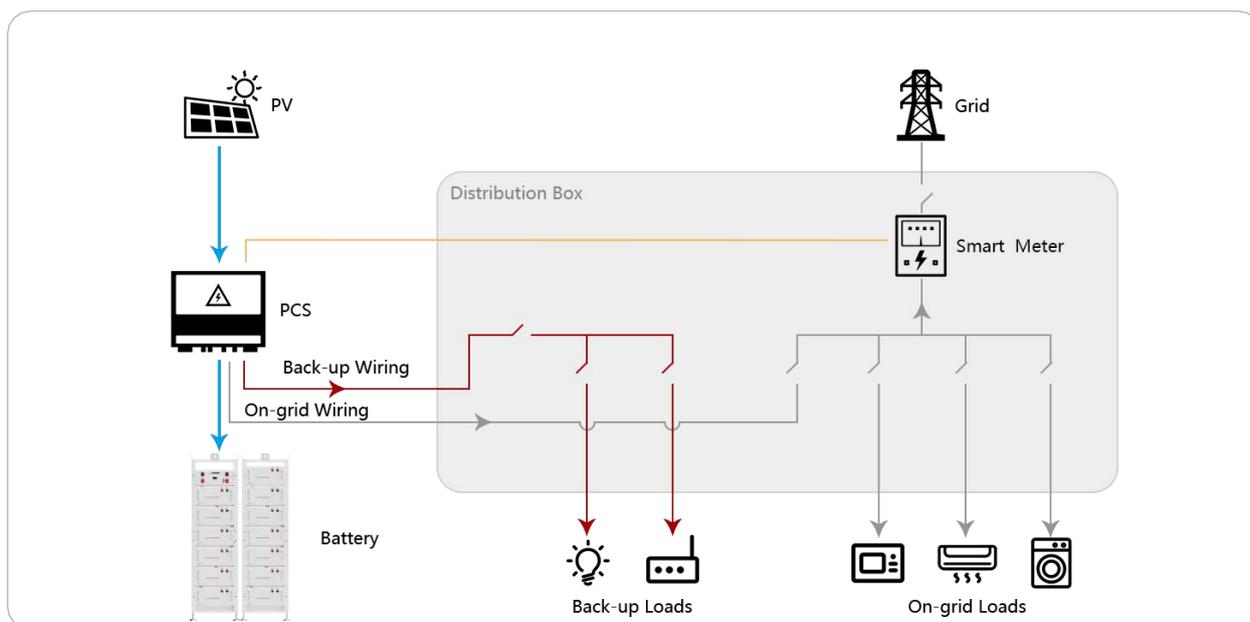
120kWh



190kWh



200kWh



Model	ER128	ER144	ER160	ER170	ER190	ER209
Nominal Capacity (kWh)	128.64	144.72	160.08	176.88	192.96	209.04
Cell Matching	128S1P	144S1P	160S1P	176S1P	192S1P	208S1P
Nominal Voltage (V)	409.6	460.8	512	563.2	614.4	665.6
Working Voltage Range (V)	358.4-460.8	403.2-518.4	448-576	492.8-633.6	537.6-691.2	598-728
Weight (kg)	1245	1358	1470	1583	1744.5	1974.5
Dimension (W x D x H mm)	1200*1000*2200					
Battery Type	LFP(LiFePO4)					
Nominal Working Current	100A					
Communication Port	CAN/TCP/IP					
Working Temperature Range	Charge:0-55°C/Discharge:-20-55°C					
Waterproof	IP20					
Installation Method	Floor-Mounted					
Cycle Life	8500					
Warranty Period	10 years					
Peak Charge/Discharge Current (@25°C,5S)	200A					
Discharge Rate of Module	≤3.5%/month/@25°C					
Parallel Connection	5 units in parallel					

If the size and parameters of the product are changed, the latest information will prevail without further notice.